

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

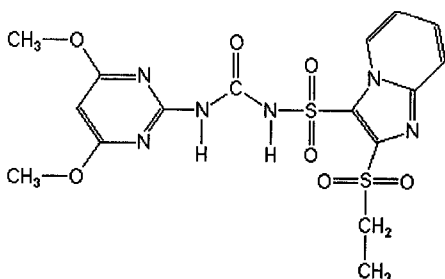
### Analyte: Sulfosulfuron

CAS No.: 141776-32-1

Formula: C<sub>16</sub>H<sub>18</sub>N<sub>6</sub>O<sub>7</sub>S<sub>2</sub>

Molecular mass (lowest isotopes): 470,07 amu

Structure:



Ionisation: ESI +

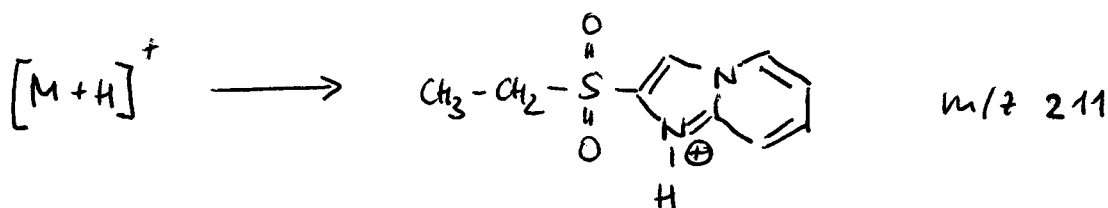
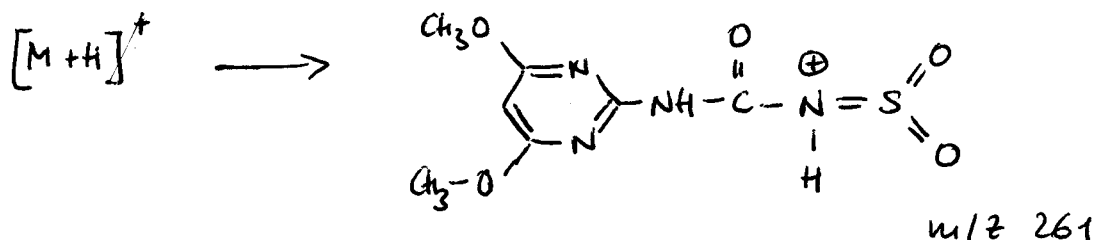
Quasimolecular ion: 471,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	471,1 → 261,0	471,1 → 211,1
Declustering potential (DP)*)	19 V	19 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	8,0 V	7,5 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	23 V	21 V
Collision cell exit potential (CXP)	14 V	10 V

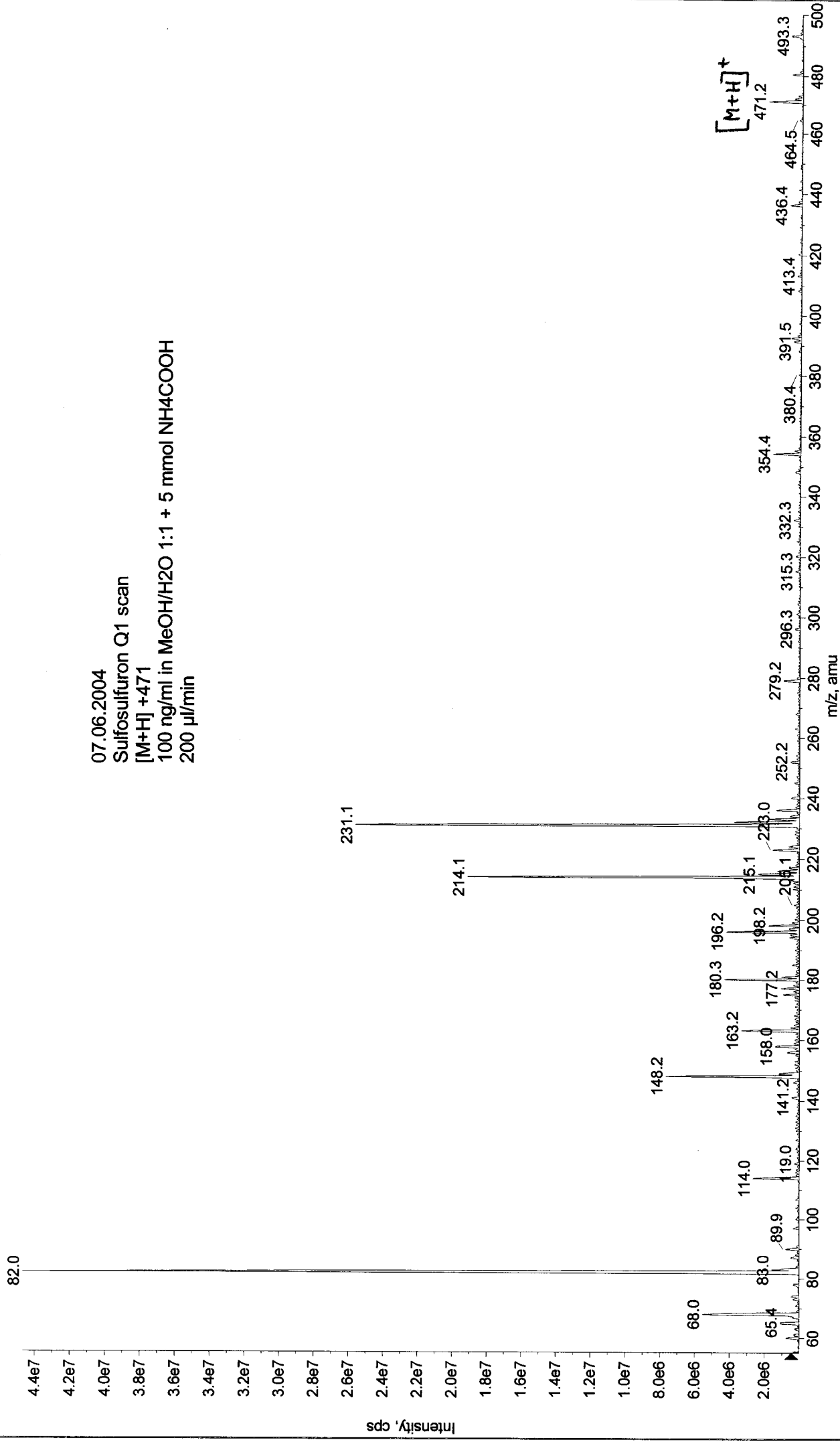
\*) For API 3000 and 4000 enhance DP by 20V

### Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040607150628.wiff (Turbo Spray)

Max. 4.5e7 cps

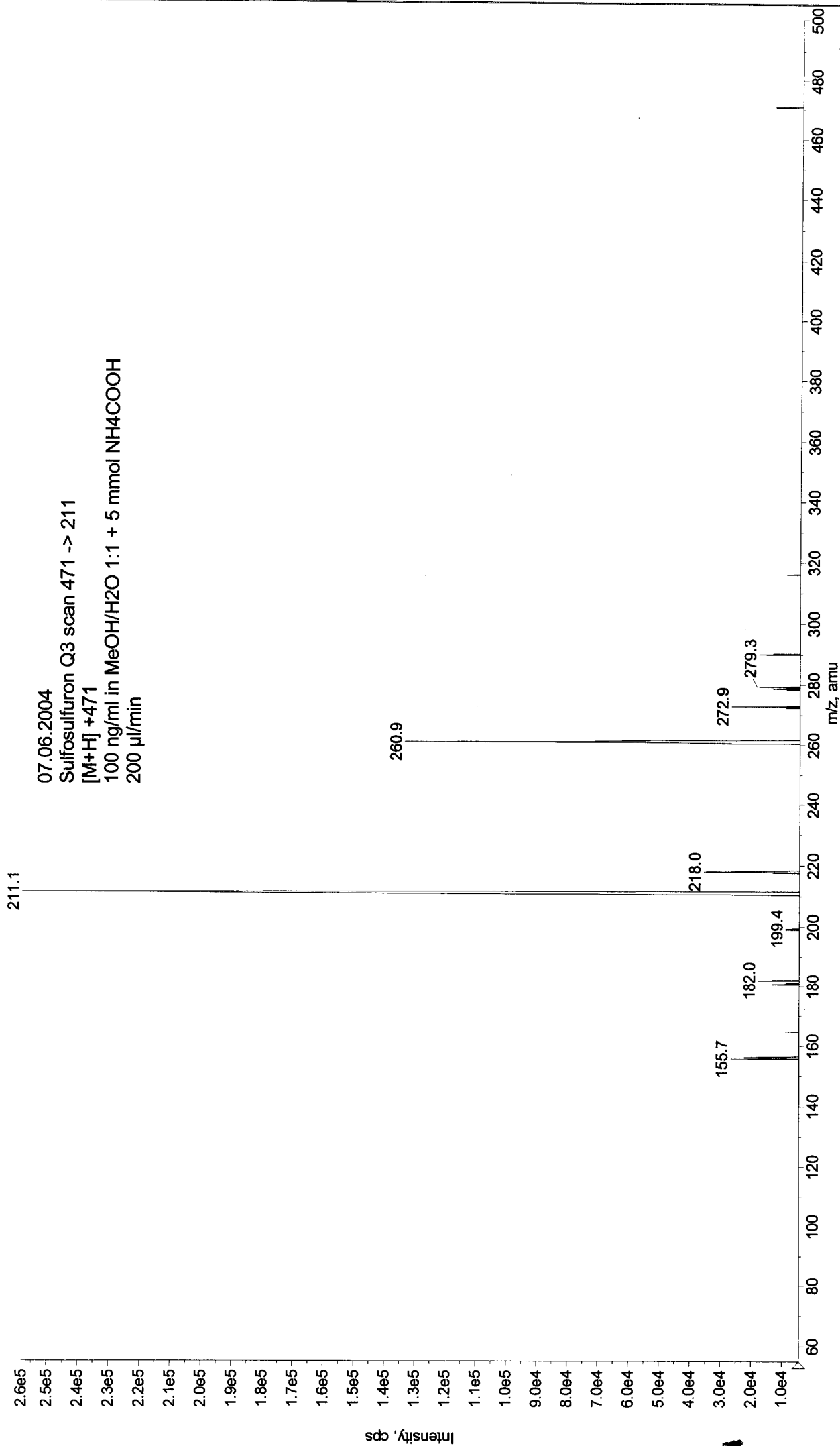


Printing Time: 15:10:45  
Printing Date: Monday, June 07, 2004

Acq. Time: 15:09  
Acq. Date: Monday, June 07, 2004  
Acq. File: MT20040607150934.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

+MS2 (471.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040607150934.wiff (Turbo Spray) Max. 2.6e5 cps.



Printing Time: 14:18:59  
Printing Date: Tuesday, June 08, 2004

Acq. Time: 14:17  
Acq. Date: Tuesday, June 08, 2004  
Acq. File: MT20040608141746.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

